

U.S. Census Bureau

Measuring America: People, Places, and Our Economy

Nesreen Khashan
Data Dissemination Specialist
U.S. Census Bureau

August 25, 2017



U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU
census.gov

Learning Obejctives

At the end of this three-hour session you will be able to:

- ☐ Understand the difference between [Census](#), [American Community Survey \(ACS\)](#) and [Population Estimates](#) datasets
- ☐ Understand Census Bureau [geographies](#)
- ☐ Understand the difference between 1- and 5-Year ACS estimates
- ☐ Interpret the various ACS and Population Estimates table types
- ☐ Use [American FactFinder](#) and [QuickFacts](#) data-access tools and [Narrative Profiles](#) to access and map data

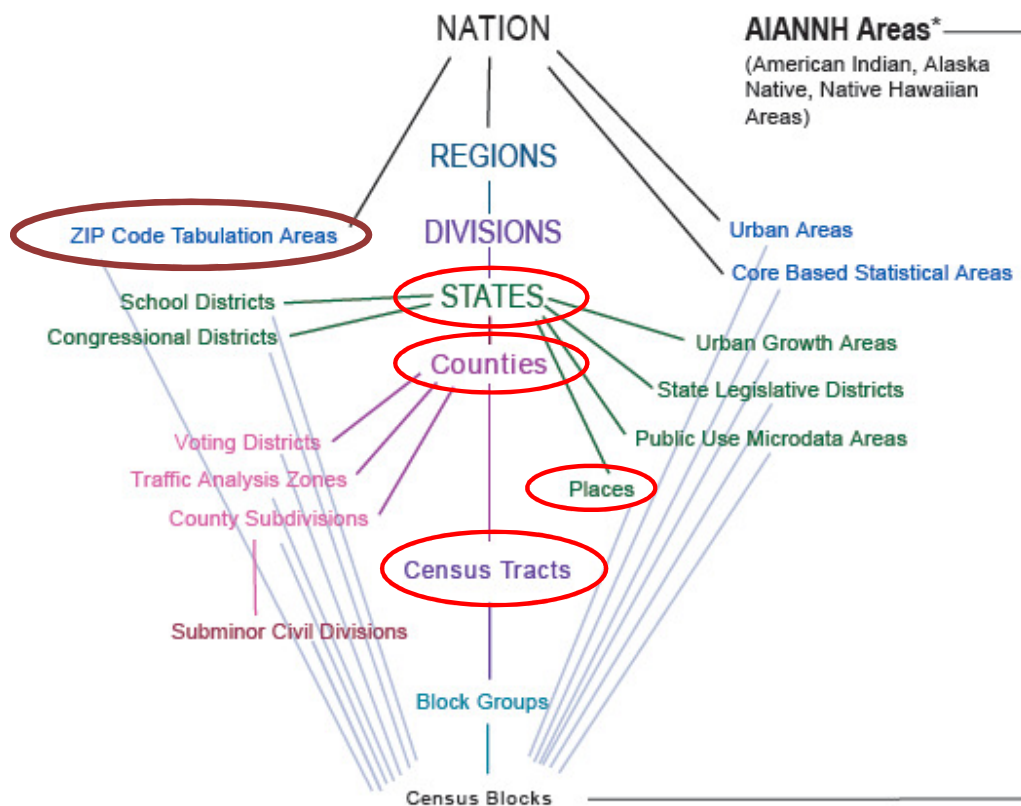
Agenda

- Census Bureau Geographies
- Population Estimates
- Decennial Census and the American Community Survey (ACS)
- Data Tables: What You Need to Know
- Accessing Census Bureau Data
 - Demonstrations

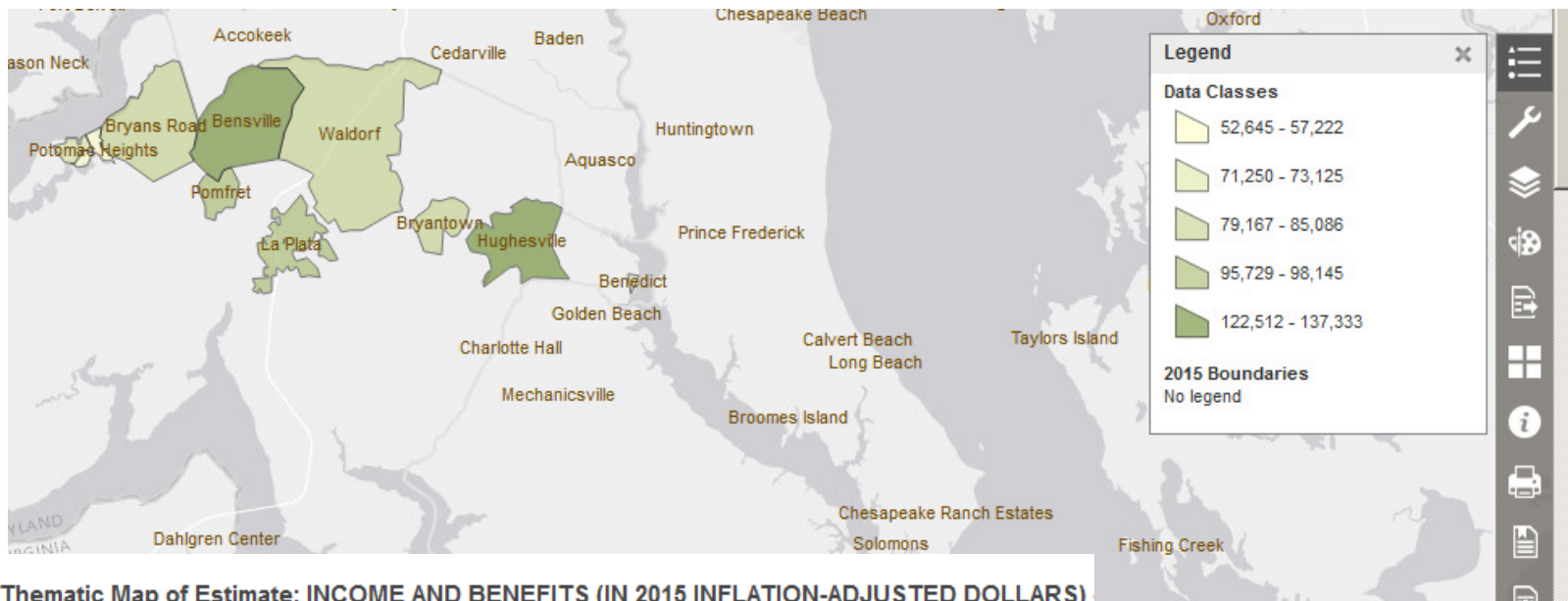
Agenda

- Census Bureau Geographies
- Population Estimates
- Decennial Census and the American Community Survey (ACS)
- Data Tables: What You Need to Know
- Accessing Census Bureau Data
 - Demonstrations

Standard Hierarchy of Census Geographic Entities

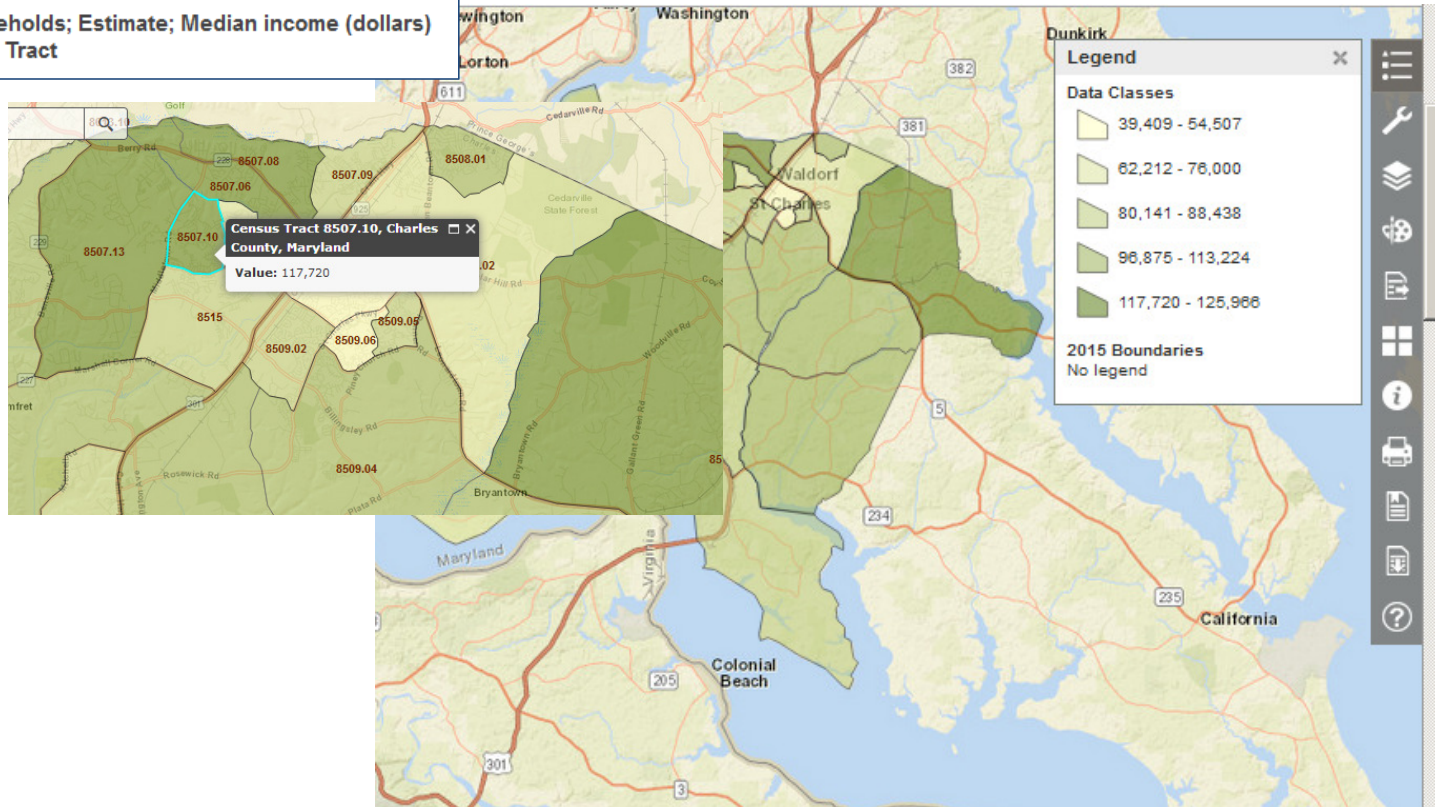


Charles County, MD: Places

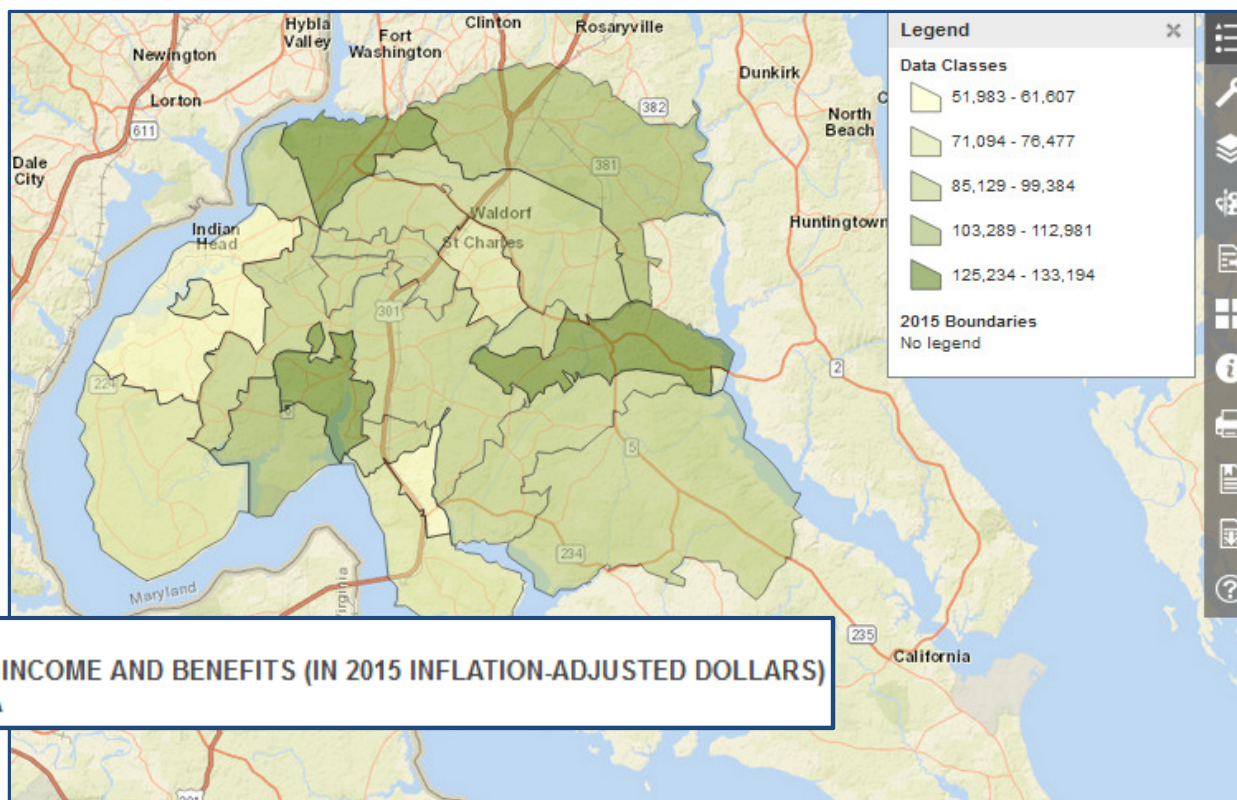


Charles County, MD—Census Tracts




Thematic Map of Households; Estimate; Median income (dollars)
Geography: by Census Tract



Charles County, MD Zip Codes



Census Tracts, ZCTAs or Places by County



FeedbackFAQsGlossaryHelp

MAINCOMMUNITY FACTSGUIDED SEARCHADVANCED SEARCHDOWNLOAD CENTER

Search - Use the options on the left (topics, geographies, ...) to narrow your search results

Your Selections

"Your Selections" is empty

[load search](#) | [save search](#)

Search using the options below:

Topics
(age, income, year, dataset, ...)

Geographies
(states, counties, places, ...)

Race and Ethnic Groups
(race, ancestry, tribe)

Industry Codes
(NAICS industry, ...)

EEO Occupation Codes
(executives, analysts, ...)

To search for tables and other files in American FactFinder:

Enter search terms and an optional geography and click GO

Select Geographies

[List](#) [Name](#) [Address](#) [Map](#)

Enter a geography name or use the Geography Filter Options below:

Charles County, Maryland

GO [?](#)

Your Geography Filters

"Your Geography Filters" is empty

Geography Filter Options

Geographic Type

- Nation (1)
- Region (22)
- Division (9)
- State (60)
- County (11,179)
- School District (29,576)
- Congressional District (49,928)
- State Legislative District (104)
- City or Town (111,505)
- Economic Place (20,689)
- Township/Census County Division (62,509)
- Census Tract (188,746)
- Block Group (21,639)

Select geographies to add to Your Selections

Select from:

☒ most requested geographic types ☐ all geographic types ☐ individual blocks

Geography Results: 1-25 of 765,962

per page: 25

Selected: [Add](#) [Check All](#) [Clear All](#) [Reset Sort](#)

Geography Name	Geography Type	About
<input type="checkbox"/> United States	United States	i
<input type="checkbox"/> All States within United States and Puerto Rico	State	
<input type="checkbox"/> All States within United States, Puerto Rico, and the Island Areas	State	
<input type="checkbox"/> Alabama	State	i
<input type="checkbox"/> Alaska	State	i
<input type="checkbox"/> Arizona	State	i
<input type="checkbox"/> Arkansas	State	i

All ZCTAs or Places by County

Search - Use the options on the left (topics, geographies, ...) to narrow your search results

Your Selections
"Your Selections" is empty
[load search](#) | [save search](#)

To search for tables and other files in American FactFinder:
Enter search terms and an optional geography and click GO

Select Geographies
List | Name | Address | Map

Enter a geography name or use the Geography Filter Options below:

Your Geography Filters
Search: Charles County, Maryland
[clear all filters](#)

Geography Filter Options
☒ Geographic Type
County (2)
School District (2)
City or Town (5)
Economic Place (2)
Township/Census County Division (13)
Census Tract (52)
Block Group (1)
Block (38)
ZIP Code/ZCTA (2)
☐ Summary Level
+ Within Division
+ Within County
+ Within Place
+ Within Congressional District
+ Within State Legislative District
+ Within School District

Select geographies to add to Your Selections
☐ All geographic types ☐ all geographic types ☐ individual blocks

Geography Results: 1-25 of 117 per page: 25

Selected:

Geography Name	Geography Type	About
<input type="checkbox"/> Charles County, Maryland	County	<input type="button" value="i"/>
<input type="checkbox"/> All Places fully within/partially within Charles County, Maryland	Place within State	
<input type="checkbox"/> All Estimates Universe Places fully within/partially within Charles County, Maryland	Estimates Universe Place	
<input type="checkbox"/> All Economic Places fully within/partially within Charles County, Maryland	Economic Place	
<input type="checkbox"/> Balance of Charles County, Maryland	Economic Place	<input type="button" value="i"/>
<input type="checkbox"/> All County Subdivisions within Charles County, Maryland	County Subdivision	
<input type="checkbox"/> District 1, La Plata; Charles County, Maryland	County Subdivision	<input type="button" value="i"/>
<input type="checkbox"/> District 2, Hill Top; Charles County, Maryland	County Subdivision	<input type="button" value="i"/>
<input type="checkbox"/> District 3, Nanjemoy; Charles County, Maryland	County Subdivision	<input type="button" value="i"/>
<input type="checkbox"/> District 4, Allens Fresh; Charles County, Maryland	County Subdivision	<input type="button" value="i"/>
<input type="checkbox"/> District 5, Thompkinsville; Charles County, Maryland	County Subdivision	<input type="button" value="i"/>
<input type="checkbox"/> District 6, Waldorf; Charles County, Maryland	County Subdivision	<input type="button" value="i"/>
<input type="checkbox"/> District 7, Rossmore; Charles County, Maryland	County Subdivision	<input type="button" value="i"/>

All ZCTAs or Places by County

Search - Use the options on the left (topics, geographies, ...) to narrow your search results

Your Selections
"Your Selections" is empty
[load search](#) | [save search](#)

Search using the options below:

- Topics**
(age, income, year, dataset, ...)
- Geographies**
(states, counties, places, ...)
- Race and Ethnic Groups**
(race, ancestry, tribe)
- Industry Codes**
(NAICS industry, ...)
- EEO Occupation Codes**
(executives, analysts, ...)

To search for tables and other files in American FactFinder:

Enter search terms and an optional geography and click GO

Select Geographies CLOSE X

List **Name** **Address** **Map**

Enter a geography name or use the Geography Filter Options below:

Enter a geography name (Alabama, Marengo County, ...)

GO ?

Your Geography Filters

Search: Charles County, Maryland ✕

Geographic Type: ZIP Code/ZCTA ✕

[clear all filters](#)

Select geographies to add to Your Selections

Select from: ?

☒ Most requested geographic types ☐ all geographic types ☐ individual blocks

Geography Results: 1-2 of 2 per page: 25

Selected: ✕ [Add](#) ☒ [Check All](#) ☐ [Clear All](#) ⬆ [Reset Sort](#)

Geography Name	Geography Type	About
<input type="checkbox"/> All 5-Digit ZIP Code Tabulation Areas fully within/partially within Charles County, Maryland	5-Digit ZCTA	
<input type="checkbox"/> All 5-Digit ZIP Codes fully within/partially within Balance of Charles County, Maryland	5-Digit ZIP Code	

Selected: ✕ [Add](#) ☒ [Check All](#) ☐ [Clear All](#) ⬆ [Reset Sort](#)

Geography Filter Options

- ☒ Summary Level
- ☒ Within Division
- ☒ Within County
- ☒ Within Place
- ☒ Type of County
- ☒ Place Program Type
- ☒ Type of Place

Include in results:

- ☒ All geographies ?
- ☐ Individual geographies
- ☐ Groups of geographies

☐ Show Geographic ?

All ZCTAs or Places by County

Search - Use the options on the left (topics, geographies, ...) to narrow your search results

Your Selections

Search using...

5-Digit ZCTA
All 5-Digit ZIP Code Tabulation
Areas fully within/partially within
Charles County, Maryland

clear all selections and
start a new search

load search | save search

Search using the options below:

Topics

(age, income, year, dataset, ...)

Geographies

(states, counties, places, ...)

Race and Ethnic Groups

(race, ancestry, tribe)

Industry Codes

(NAICS industry, ...)

EEO Occupation Codes

(executives, analysts, ...)

Select Geographies

List Name Address Map

Enter a geography name or use the Geography Filter Options below:

Enter a geography name (Alabama, Marengo County, ...)

GO ?

Your Geography Filters

Search:

Charles County, Maryland

Geographic Type:

ZIP Code/ZCTA

clear all filters

Geography Filter Options

No filters are available

Include in results:

☒ All geographies

☐ Individual geographies

☐ Groups of geographies

☐ Show Geographic

Components (e.g., urban,
rural)

Search using FIPS code:

Select a geographic type:

State

Provide FIPS code:

All 5-Digit ZIP Code Tabulation Areas fully within/partially within Charles County, Maryland successfully added to Your Selections.

Select from:

☒ most requested geographic types ☐ all geographic types ☐ individual blocks

Geography Results: 1-1 of 1

Selected: ☐ Add ☒ Check All ☐ Clear All

Geography Name	Geography Type	About
<input type="checkbox"/> All 5-Digit ZIP Code Tabulation Areas fully within/partially within Charles County, Maryland	5-Digit ZCTA	

Selected: ☐ Add ☒ Check All ☐ Clear All

per page: 25

CLOSE X

close

per page: 25

per page: 25

Agenda

- Census Bureau Geographies
- Population Estimates
- Decennial Census and the American Community Survey (ACS)
- Data Tables: What You Need to Know
- Accessing Census Bureau Data
 - Demonstrations

Population Estimates



Population Estimates

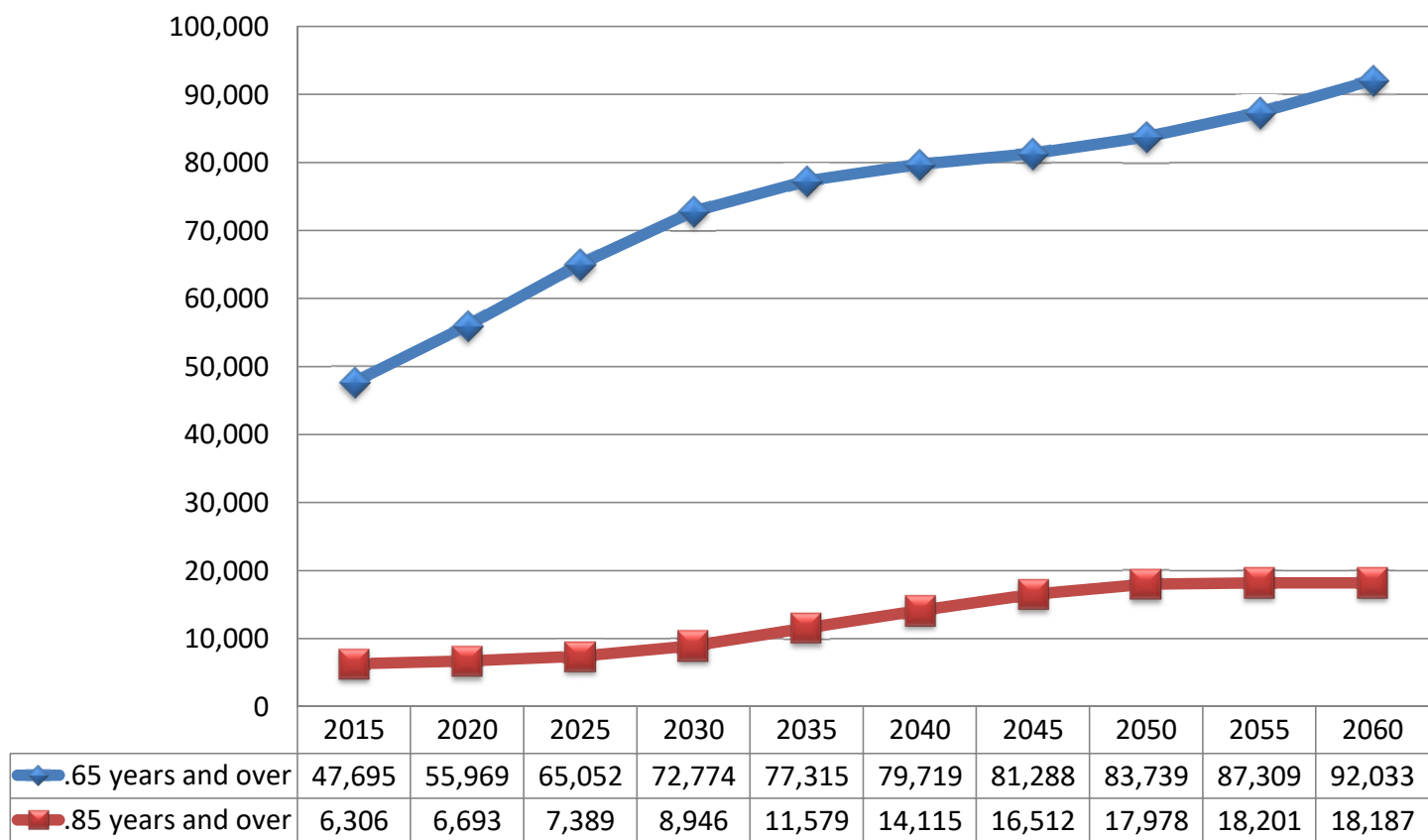
Population Estimates = Base Population + Births – Deaths + Net Internal Migration + Net Immigration

Released Every Year Except Census Years

National, State, and County, Incorporated Places Estimates

Official Population Count During Intercensal Years

Older Population (in thousands)—United States



Components of Population Change

Geography	Cumulative Estimates of the Components of Population Change						
	April 1, 2010 to July 1, 2016						
	Total Population Change [1]	Natural Increase	Vital Events			Net Migration	
			Births	Deaths	Total	International [2]	Domestic
Calvert County, Maryland	2,515	1,760	5,750	3,990	671	844	27
Charles County, Maryland	11,145	5,545	11,577	6,032	5,524	1,407	4,117

Geography	Annual Estimates of the Components of Population Change						
	July 1, 2015 to July 1, 2016						
	Total Population Change [1]	Natural Increase	Vital Events			Net Migration	
			Births	Deaths	Total	International [2]	Domestic
Calvert County, Maryland	631	214	916	702	404	100	304
Charles County, Maryland	1,782	787	1,850	1,063	998	202	796

Population Estimates-Charles County, MD

Geography: Charles County, Maryland

« 10 - 27 of 27 »

« 10 - 27 of 27 »

Age	Population Estimate (as of July 1)																	
	2011			2012			2013			2014			2015			2016		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total	149,282	72,100	77,182	150,770	72,835	77,935	152,821	73,842	78,979	154,567	74,574	79,993	155,923	75,135	80,788	157,705	76,067	81,638
Under 5 years	9,410	4,810	4,600	9,423	4,808	4,615	9,452	4,823	4,629	9,623	4,899	4,724	9,747	4,974	4,773	9,612	4,913	4,699
5 to 9 years	10,144	5,219	4,925	10,188	5,244	4,944	10,263	5,282	4,981	10,210	5,232	4,978	10,260	5,195	5,065	10,466	5,407	5,059
10 to 14 years	11,618	5,941	5,677	11,615	5,887	5,628	11,343	5,793	5,550	11,196	5,738	5,461	10,973	5,660	5,313	10,901	5,667	5,234
15 to 19 years	11,647	5,958	5,689	11,603	5,974	5,629	11,598	5,993	5,605	11,368	5,847	5,521	11,211	5,756	5,455	11,147	5,726	5,421
20 to 24 years	9,517	4,848	4,669	9,836	4,979	4,857	10,237	5,218	5,019	10,520	5,368	5,152	10,477	5,316	5,161	10,331	5,239	5,092
25 to 29 years	8,831	4,328	4,503	9,081	4,578	4,503	9,289	4,645	4,644	9,670	4,833	4,837	9,837	4,956	4,881	10,214	5,059	5,155
30 to 34 years	8,911	4,116	4,795	9,113	4,203	4,910	9,402	4,358	5,044	9,652	4,543	5,109	9,874	4,673	5,201	9,981	4,787	5,194
35 to 39 years	9,769	4,437	5,332	9,433	4,286	5,147	9,467	4,329	5,138	9,630	4,426	5,204	9,696	4,478	5,218	9,933	4,589	5,344
40 to 44 years	12,635	5,809	6,826	12,321	5,609	6,712	11,937	5,468	6,469	11,473	5,217	6,256	10,940	4,944	5,996	10,484	4,768	5,716
45 to 49 years	13,609	6,436	7,173	13,423	6,334	7,089	13,162	6,199	6,963	12,818	6,032	6,786	12,653	5,903	6,750	12,744	5,908	6,836
50 to 54 years	11,886	5,868	6,018	12,207	5,966	6,241	12,702	6,167	6,535	13,068	6,267	6,801	13,248	6,344	6,904	13,192	6,302	6,890
55 to 59 years	9,203	4,393	4,810	9,643	4,635	5,008	10,013	4,839	5,174	10,442	5,078	5,364	10,913	5,331	5,582	11,355	5,538	5,817
60 to 64 years	7,521	3,583	3,938	7,470	3,532	3,938	7,669	3,605	4,064	7,854	3,677	4,177	8,190	3,835	4,355	8,495	3,972	4,523
65 to 69 years	5,338	2,528	2,810	5,812	2,744	3,068	6,035	2,857	3,178	6,278	2,915	3,363	6,557	3,012	3,545	6,855	3,173	3,682
70 to 74 years	3,620	1,699	1,921	3,833	1,796	2,037	4,139	1,897	2,242	4,368	2,002	2,366	4,641	2,139	2,502	4,803	2,174	2,629
75 to 79 years	2,520	1,067	1,453	2,595	1,127	1,468	2,673	1,178	1,495	2,779	1,242	1,537	2,942	1,308	1,634	3,120	1,383	1,737
80 to 84 years	1,598	638	960	1,694	682	1,012	1,817	714	1,103	1,855	732	1,123	1,932	747	1,185	2,106	823	1,283
85 years and over	1,505	422	1,083	1,580	451	1,129	1,623	477	1,146	1,763	529	1,234	1,832	564	1,268	1,906	619	1,287
Under 18 years	38,720	19,810	18,910	38,568	19,766	18,802	38,479	19,729	18,750	38,341	19,584	18,757	38,226	19,520	18,706	38,196	19,624	18,572
Under 5 years	9,410	4,810	4,600	9,423	4,808	4,615	9,452	4,823	4,629	9,623	4,899	4,724	9,747	4,974	4,773	9,612	4,913	4,699
5 to 13 years	19,349	9,916	9,433	19,230	9,846	9,384	19,248	9,895	9,353	19,020	9,766	9,254	18,902	9,652	9,250	19,228	9,935	9,293
14 to 17 years	9,961	5,084	4,877	9,915	5,112	4,803	9,779	5,011	4,768	9,698	4,919	4,779	9,577	4,894	4,683	9,356	4,776	4,580
18 to 64 years	95,981	45,936	50,045	96,688	46,269	50,419	98,055	46,990	51,065	99,183	47,570	51,613	99,793	47,845	51,948	100,719	48,271	52,448
18 to 24 years	13,616	6,966	6,650	13,997	7,126	6,871	14,414	7,380	7,034	14,576	7,497	7,079	14,442	7,381	7,061	14,321	7,348	6,973
25 to 44 years	40,146	18,690	21,456	39,948	18,676	21,272	40,095	18,800	21,295	40,425	19,019	21,406	40,347	19,051	21,296	40,612	19,203	21,409
45 to 64 years	42,219	20,280	21,939	42,743	20,467	22,276	43,546	20,810	22,736	44,182	21,054	23,128	45,004	21,413	23,591	45,786	21,720	24,066
65 years and over	14,581	6,354	8,227	15,514	6,800	8,714	16,287	7,123	9,164	17,043	7,420	9,623	17,904	7,770	10,134	18,790	8,172	10,618
85 years and over	1,505	422	1,083	1,580	451	1,129	1,623	477	1,146	1,763	529	1,234	1,832	564	1,268	1,906	619	1,287
16 years and over	115,671	54,856	60,815	117,199	55,634	61,565	119,262	56,645	62,617	121,176	57,536	63,640	122,551	58,091	64,460	124,281	58,843	65,438
18 years and over	110,562	52,290	58,272	112,202	53,069	59,133	114,342	54,113	60,229	116,226	54,990	61,236	117,697	55,615	62,082	119,509	56,443	63,066
15 to 44 years	61,310	29,496	31,814	61,387	29,629	31,758	61,930	30,011	31,919	62,313	30,234	32,079	62,035	30,123	31,912	62,090	30,168	31,922

Agenda

- Census Bureau Geographies
- Population Estimates
- Decennial Census and the American Community Survey (ACS)
- Data Tables: What You Need to Know
- Accessing Census Bureau Data

Background: A Brief History

1940-2000

- Decennial Census: Short Form & Long Form

2005




- American Community Survey Replaces Decennial Long Form

2010

- Decennial Census: Short Form Only

Background: How the Survey is Conducted

- Monthly samples use four sequential modes of data collection:

Online	Mail	Telephone	Personal Visit
			

How the ACS Works for You

- Communities can look up their response rates including reasons for nonresponse:

B98021

HOUSING UNIT RESPONSE AND NONRESPONSE RATES WITH REASONS FOR NONINTERVIEWS

Universe: Housing units ⓘ
2015 American Community Survey 1-Year Estimates

Versions of this table are available for the following years:

2015 ▶

[2014](#)

[2013](#)

[2012](#)

[2011](#)

[2010](#)

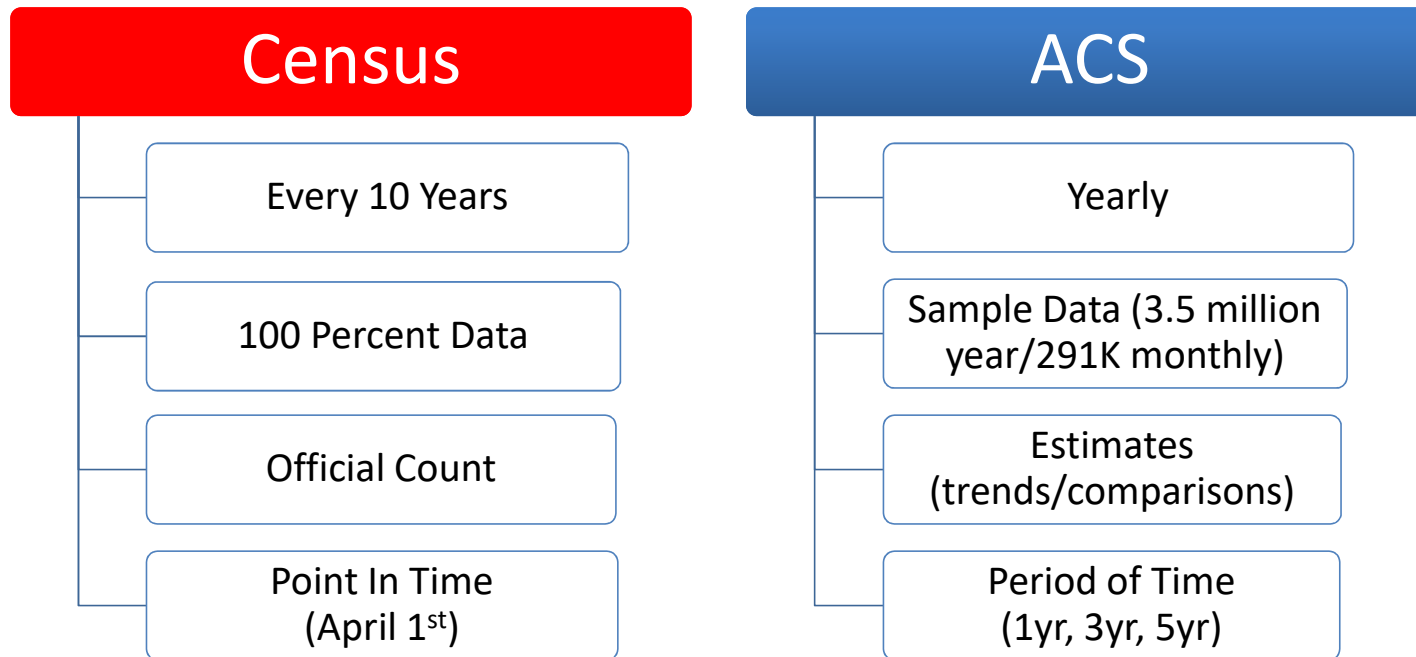
[2009](#)

[2008](#)

[2007](#)

	Calvert County, Maryland	Charles County, Maryland
	Estimate	Estimate
Response Rate	95.9	96.3
Nonresponse Rate:	4.1	3.7
Refusal	1.0	3.3
Unable To Locate	0.0	0.0
No One Home	2.3	0.2
Temporarily Absent	0.0	0.0
Language Problem	0.0	0.0
Insufficient Data	0.5	0.3
Other Reason	0.4	0.0

Differences Between Decennial Census and ACS



ACS Period Estimates

1-Year
Estimates

- Geographies of 65,000 or more

5-Year
Estimates

- All geographies

Using ACS Data



Social

Ancestry
Citizenship
Disability
Education
Fertility
Grandparents as caregivers
Language
Migration
Place of birth
Veterans

Demographic

Age
Sex
Race
Hispanic Origin
Household Type
Household
Relationship
Marital Status

Economic

Commuting to Work
Health Insurance
Income
Industry
Occupation
Class of worker
Labor force status
Poverty
Work status

Housing

Bedrooms
Computer and Internet use
House heating fuel
Value
Plumbing facilities
Rent
Rooms
Selected monthly owner costs
Tenure

Using ACS Data: ACS Data Products Annual Releases with Population Thresholds

Data Product (next release)	Population Threshold of Statistical Area	Year of Data Release										
		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
		Year(s) of Data Collection										
1-Year Estimates (Sept.)	65,000 +	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
3-Year Estimates (Oct.)	20,000 +			2005 - 2007	2006 - 2008	2007 - 2009	2008 - 2010	2009 - 2011	2010 - 2012	2011 - 2013		
5-Year Estimates (Dec.)	All Areas *					2005 - 2009	2006 - 2010	2007 - 2011	2008 - 2012	2009 - 2013	2010 - 2014	2011 - 2015

* All Areas = All legal, administrative, and statistical geographic areas down to the block group level.
Zip Code Tabulation Area (ZCTA) estimates first became available in 2012, with the 2007 – 2011 estimates.

Agenda

- Census Bureau Geographies
- Population Estimates
- Decennial Census and the American Community Survey (ACS)
- **Data Tables: What You Need to Know**
- Accessing Census Bureau Data
 - Demonstrations

How to Read ACS Data Tables

Data profiles

Provide broad social, economic, housing, and demographic profiles.

Comparison Profiles

Similar to data profiles but show data side-by-side from the 5 most recent years of the ACS.

Selected population profiles

Provide broad social, economic, and housing profiles for a large number of race, ethnic, ancestry, and country/region of birth groups.

Ranking tables

Provide state rankings of estimates across 86 key variables.

Subject tables

Similar to data profiles but include more detailed ACS data, classified by subject.

Detailed tables

Provide access to the most detailed ACS data and cross tabulations of ACS variables.

Geographic comparison tables

Compare geographic areas other than states (e.g., counties or congressional districts) for key variables.

Summary files

Provide access to the detailed tables through a series of comma-delimited text files on the Census Bureau's FTP site **www2.census.gov**.

Public Use Microdata Sample files

Provide access to ACS microdata for data users with SAS and SPSS software experience.

How to Read ACS Data Tables:

Data Profiles

- DP02: Selected Social Characteristics
- DP03: Selected Economic Characteristics
- DP04: Selected Housing Characteristics
- DP05: Demographic and Housing Characteristics
- Comparison Profiles have same taxonomy (CP02-CP05), 1-yr and 5-yr estimates

Geographic Comparison Tables

- Look for GCT Table IDs
- Query by state, then look for smaller geographic units

Ranking Tables

- Ranked by state, these are ranked *after* statistical testing

Subject Tables and Detailed Tables

- Best for cross-tabulated characteristics
- Look for the “S” and the “B” Table IDs

Margin of Error (MOE)

- **Margin of Error Definition:**
A measure of the precision of an estimate at a given level of confidence (90%, 95%, 99%)
 - MOEs at the 90% confidence level for all published ACS estimates
- **Confidence Interval Definition:**
A range that is expected to contain the population value of the characteristic with a known probability

Note: *If you haven't conducted statistical testing, then you don't know if difference is statistically significant.*

Comparing Across Time or Geography: Statistical Testing!

Copy of Statistical_Testing_Tool [Read-Only] - Excel


File Home Insert Page Layout Formulas Data Review View Smart View HP ALM Upload Add-in ACROBAT Tell me what you want to do... Nesreen Khashan (CENSUS/CLMSO FED) Share

Clipboard Font Alignment Number Styles Cells Editing

C20 5667

Statistical Testing Tool

Statistical Testing for Multiple Estimates



Purpose
This spreadsheet determines whether there is statistical evidence to conclude that two estimates are different from each other.

Results

Yes	Estimates are statistically different.
No	Estimates are NOT statistically different (or are statistically tied).
X	Estimate is compared to itself.
-	Statistical testing is not appropriate.

How to Use this spreadsheet:

1. Download data into an Excel or CSV (comma separated format) spreadsheet.
2. Insert geography or statistical variable keyword into "Label" column.
3. Insert number or percentage estimates into "Estimate" column.
4. Insert margins of error (MOE) into "Margin of Error (MOE) or Standard Error (SE)" column.
5. Sort the data by the "Estimate" column in ascending or descending order. This will make the results easier to interpret. (Recommended to sort the data before pasting it into the spreadsheet.)
6. If the estimates use a standard error (SE) instead of a MOE, scroll to the bottom of the spreadsheet and change the "Parameters" column from "MOE" to "SE".
7. (Optional) To change the confidence level, scroll to the bottom of the spreadsheet and change the "Confidence Level" column to the desired confidence level (e.g., 95).

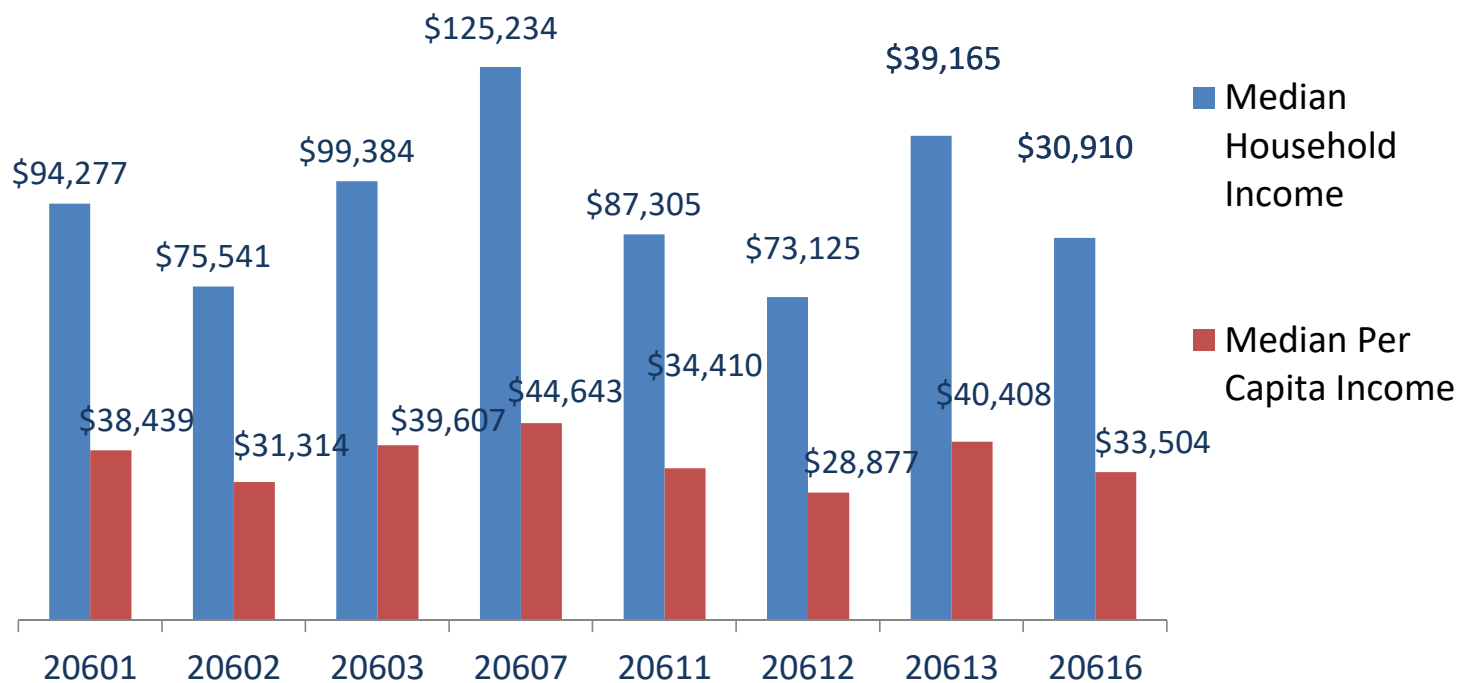
[Overview](#) [Instructions](#) [Statistical Testing for Two Estimates](#) [Worked Example](#) [Contact US](#)

Label	Estimate	Margin of Error (MOE)	Label
11 Biking DC 2015	14718	1816	Biking DC 2015
12			

11 Yes Yes Yes Yes Yes No No No X

Instructions Stat_Test_for_Two_Est Stat_Test_for_Multiple_Est Worked_Example Contact_US

Comparing Across Geographies: Incomes across Charles County Zip Codes



2015 ACS 5-Year Estimates DP03

Comparing Incomes Across Time: Comparison Profiles Stat Test for You

Subject	Charles County, Maryland								
	2015 Estimate	2014 Estimate	2015 - 2014 Statistical Significance	2013 Estimate	2015 - 2013 Statistical Significance	2012 Estimate	2015 - 2012 Statistical Significance	2011 Estimate	2015 - 2011 Statistical Significance
COMMUTING TO WORK									
Workers 16 years and over	79,846	76,040	*	77,634		76,970		72,313	*
Car, truck, or van — drove alone	83.1%	78.5%	*	80.6%		79.7%		77.2%	*
Car, truck, or van — carpooled	6.3%	7.5%		9.6%	*	9.3%	*	9.4%	*
Public transportation (excluding taxicab)	5.6%	7.7%	*	5.2%		6.4%		7.7%	
Walked	0.9%	1.0%		1.3%		1.2%		1.0%	
Other means	0.7%	0.5%		0.7%		0.8%		0.8%	
Worked at home	3.3%	4.8%		2.6%		2.6%		3.9%	
Mean travel time to work (minutes)	44.3	44.2		42.4		40.4	*	43.6	
OCCUPATION									
Civilian employed population 16 years and over	79,406	76,698		77,819		76,790		73,538	*
Management, business, science, and arts occupations	38.1%	43.7%	*	41.6%		40.6%		43.4%	*
Service occupations	21.2%	14.9%	*	17.5%		18.0%		15.2%	*
Sales and office occupations	22.7%	25.3%		26.5%	*	24.7%		24.0%	
Natural resources, construction, and maintenance occupations	10.7%	7.9%	*	7.9%	*	8.6%		10.1%	
Production, transportation, and material moving occupations	7.2%	8.3%		6.6%		8.0%		7.4%	
INDUSTRY									
Civilian employed population 16 years and over	79,406	76,698		77,819		76,790		73,538	*
Agriculture, forestry, fishing and hunting, and mining	0.7%	0.4%		0.2%		0.2%	*	0.2%	
Construction	10.0%	6.5%	*	5.9%	*	7.7%		7.2%	*
Manufacturing	3.0%	2.7%		2.0%		2.5%		3.8%	
Wholesale trade	1.3%	1.5%		1.8%		1.7%		1.6%	
Retail trade	10.3%	10.5%		11.5%		10.4%		11.2%	
Transportation and warehousing, and utilities	4.2%	4.9%		4.7%		5.7%		6.2%	
Information	2.3%	2.5%		1.5%		0.8%	*	2.1%	
Finance and insurance, and real estate and rental and leasing	4.1%	5.2%		4.3%		3.6%		3.2%	

Subject Tables Let You Explore a Topic: Disability

Subject	Calvert County, Maryland						Charles County, Maryland					
	Total		With a disability		Percent with a disability		Total		With a disability		Percent with a disability	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Total civilian noninstitutionalized population	89,189	+/-653	9,052	+/-1,601	10.1%	+/-1.8	152,853	+/-1,141	10,905	+/-1,645	7.1%	+/-1.1
SEX												
Male	44,031	+/-741	4,719	+/-1,087	10.7%	+/-2.5	72,693	+/-1,132	5,936	+/-1,230	8.2%	+/-1.7
Female	45,158	+/-847	4,333	+/-918	9.6%	+/-2.0	80,160	+/-735	4,969	+/-858	6.2%	+/-1.1
RACE AND HISPANIC OR LATINO ORIGIN												
White alone	73,135	+/-657	7,256	+/-1,348	9.9%	+/-1.8	70,009	+/-1,632	6,478	+/-986	9.3%	+/-1.4
Black or African American alone	10,782	+/-1,187	1,299	+/-632	12.0%	+/-5.7	65,300	+/-2,495	3,787	+/-1,043	5.8%	+/-1.6
American Indian and Alaska Native alone	N	N	N	N	N	N	N	N	N	N	N	N
Asian alone	N	N	N	N	N	N	N	N	N	N	N	N
Native Hawaiian and Other Pacific Islander alone	N	N	N	N	N	N	N	N	N	N	N	N
Some other race alone	N	N	N	N	N	N	N	N	N	N	N	N
Two or more races	N	N	N	N	N	N	10,402	+/-2,549	473	+/-404	4.5%	+/-3.9
White alone, not Hispanic or Latino	70,210	+/-630	7,256	+/-1,348	10.3%	+/-1.9	65,527	+/-710	6,376	+/-969	9.7%	+/-1.5
Hispanic or Latino (of any race)	N	N	N	N	N	N	N	N	N	N	N	N
AGE												
Under 5 years	4,414	+/-4	0	+/-195	0.0%	+/-3.5	9,291	+/-340	40	+/-70	0.4%	+/-0.8
5 to 17 years	16,806	+/-427	980	+/-596	5.8%	+/-3.6	29,012	+/-438	661	+/-371	2.3%	+/-1.3
18 to 34 years	17,479	+/-700	690	+/-404	3.9%	+/-2.3	32,789	+/-1,102	825	+/-452	2.5%	+/-1.4
35 to 64 years	39,477	+/-696	3,064	+/-843	7.8%	+/-2.1	64,196	+/-1,185	4,577	+/-860	7.1%	+/-1.4
65 to 74 years	6,873	+/-333	1,932	+/-602	28.1%	+/-8.7	10,913	+/-537	2,202	+/-600	20.2%	+/-5.4
75 years and over	4,140	+/-325	2,386	+/-619	57.6%	+/-13.9	6,652	+/-455	2,600	+/-766	39.1%	+/-12.0
DISABILITY TYPE BY DETAILED AGE												
With a hearing difficulty	(X)	(X)	3,537	+/-963	4.0%	+/-1.1	(X)	(X)	3,416	+/-946	2.2%	+/-0.6
Population under 18 years	21,220	+/-427	19	+/-33	0.1%	+/-0.2	38,303	+/-296	156	+/-133	0.4%	+/-0.3
Population under 5 years	4,414	+/-4	0	+/-195	0.0%	+/-3.5	9,291	+/-340	40	+/-70	0.4%	+/-0.8
Population 5 to 17 years	16,806	+/-427	19	+/-33	0.1%	+/-0.2	29,012	+/-438	116	+/-111	0.4%	+/-0.4
Population 18 to 64 years	56,956	+/-872	996	+/-519	1.7%	+/-0.9	96,985	+/-1,189	1,363	+/-556	1.4%	+/-0.6
Population 18 to 34 years	17,479	+/-700	150	+/-188	0.9%	+/-1.1	32,789	+/-1,102	108	+/-123	0.3%	+/-0.4
Population 35 to 64 years	39,477	+/-696	846	+/-502	2.1%	+/-1.3	64,196	+/-1,185	1,255	+/-548	2.0%	+/-0.9

Geographic Comparison Tables Let You See How You Stack Up

Versions of this table are available for the following years:

2015 ▶

[2014](#)

[2013](#)

[2012](#)

[2011](#)

[2010](#)

[2009](#)

Geography: Maryland ▼

Geographic Area	Percent	Margin of Error
Maryland	10.0	+/-0.2
Allegany County	18.0	+/-1.6
Anne Arundel County	5.9	+/-0.4
Baltimore County	9.4	+/-0.4
Calvert County	5.8	+/-0.9
Caroline County	15.8	+/-2.0
Carroll County	5.6	+/-0.6
Cecil County	10.1	+/-1.3
Charles County	7.9	+/-0.9
Dorchester County	16.5	+/-1.9
Frederick County	6.8	+/-0.6
Garrett County	12.4	+/-2.0
Harford County	8.0	+/-0.6
Howard County	5.2	+/-0.6
Kent County	11.2	+/-2.0
Montgomery County	6.7	+/-0.3
Prince George's County	9.6	+/-0.4
Queen Anne's County	7.5	+/-1.4
St. Mary's County	7.9	+/-1.0
Somerset County	24.7	+/-2.9
Talbot County	11.2	+/-1.7
Washington County	12.9	+/-1.0
Wicomico County	15.9	+/-1.5
Worcester County	11.0	+/-1.6
Baltimore city	23.7	+/-0.6

GCT1701

PERCENT OF PEOPLE BELOW POVERTY LEVEL IN THE PAST 12 MONTHS
County / County Equivalent
Universe: Population for whom poverty status is determined
2011-2015 American Community Survey 5-Year Estimates

Finding Data by Table Type

Search - Use the options on the left (topics, geographies, ...) to narrow your search results

Your Selections
 "Your Selections" is empty
[load search](#) | [save search](#)

Search using the options below:

Topics
 (age, income, year, dataset, ...)

Geographies
 (states, counties, places, ...)

Race and Ethnic Groups
 (race, ancestry, tribe)

Industry Codes
 (NAICS industry, ...)

EEO Occupation Codes
 (executives, analysts, ...)

To search for tables and other files in American FactFinder:

Enter search terms and an optional geography and click GO

Select Topics CLOSE X

Select Topics to add to 'Your Selections' ?

- ☒ People
- ☒ Housing
- ☒ Business and Industry
- ☒ Governments
- ☒ Year
- ☒ Product Type
 - Comparison Profile (59)
 - Data Profile (189)
 - Detailed Table (42,986)
 - Geography Comparison Table (31,645)
 - Geography Header (111)
 - Narrative Profile (8)
 - Public Use Microdata Sample (52)
 - Quick Table (473)
 - Ranking Table (1,027)
 - Selected Population Profile (36)
 - Subject Table (1,857)
- ☒ Program
- ☒ Dataset

Note: The Race & Ethnicity topic is available under the Race and Ethnic Groups button on the left.

☐ Include archived products in your search ?

In Topics:

- Expand Product Type
- Select your Product Type
- With all Product Types except GCTs, Close Topics then select your Geographies
- With GCTs, after closing Topics, select only your state.
- Among the search results, select the geographical sub-state geography you'd like to view

Agenda

- Census Bureau Geographies
- Population Estimates
- Decennial Census and the American Community Survey (ACS)
- Data Tables: What You Need to Know
- Accessing Census Bureau Data
 - Demonstrations

Census Data Products and Tools

- American FactFinder
- QuickFacts
- My Congressional District
- Narrative Profiles
- Census Business Builder
- Small Area Income and Poverty Estimates (SAPIE)
- Small Area Health Insurance Estimates (SAHIE)

Using Specific Data Tools:

[American FactFinder](http://factfinder.census.gov)

▼ Community Facts

Find popular facts (population, income, etc.) and frequently requested data about your community.

Enter a state, county, city, town, or zip code:

e.g., Atlanta, GA

GO

▶ Guided Search

▶ Advanced Search

▶ Download Center



<http://factfinder.census.gov>

Use this tool for:

- ✓ Data for *all geographic types*
- ✓ Detailed *numbers and percentages*
- ✓ ACS *1-yr, 3-yr, and 5-yr data*
- ✓ *Mapping* capabilities
- ✓ Accessing *more/different data* (including detailed business and economic statistics)

Using Specific Data Tools:

American FactFinder



Popular Tables

Population and Housing

- Annual Population Estimates (2016 PEP, PEPANNRES)
- Demographic and Housing Estimates (2015 ACS, DP05)
- General Housing Characteristics (2015 ACS, DP04)
- General Demographic Characteristics (2010 Census, DP-1)

Poverty and Income

- General Economic Characteristics (2015 ACS, DP03)

Age, Race, Sex and Education

- Selected Social Characteristics (2015 ACS, DP02)
- Educational Attainment (2015 ACS, S1501)

American FactFinder provides access to data about the United States, Puerto Rico and the Island Areas. The data in American FactFinder come from several censuses and surveys. For more information see [Using FactFinder](#) and [What We Provide](#).

Using American FactFinder

Learn about American FactFinder's [functions](#) and [features](#).

What We Provide

The following data are available on American FactFinder:

- American Community Survey [more »](#) | [get data »](#)
- American Housing Survey [more »](#) | [get data »](#)
- Annual Economic Surveys [more »](#)
- Annual Surveys of Governments [more »](#)
- Census of Governments [more »](#) | [get data »](#)
- Decennial Census [more »](#) | [get data »](#)
- Economic Census [more »](#) | [get data »](#)
- Equal Employment Opportunity (EEO) Tabulation

News and Notes

[GET EMAIL UPDATES](#)



June 22, 2017

Population Estimates by Demographic Characteristic are now available....



[view all news, release schedules, and more »](#)

Address Search

Find Census data by entering a [street address](#).



Reference Maps

Reference Maps show selected geographic boundaries for an area along with orienting features, such as roads.

United States

Using Specific Data Tools:

[American FactFinder](#)

The screenshot shows the American FactFinder website. At the top left is the United States Census Bureau logo. To its right is the 'AMERICAN FactFinder' title with a magnifying glass icon. Further right are links for 'Feedback', 'FAQs', 'Glossary', and 'Help'. Below this is a blue navigation bar with links: 'MAIN', 'COMMUNITY FACTS', 'GUIDED SEARCH', 'ADVANCED SEARCH', and 'DOWNLOAD CENTER'. On the right side of this bar are buttons for 'English' and 'Español'. Below the navigation bar, the main content area has a red-bordered box containing the heading 'Using FactFinder - Getting started with American FactFinder'. Under this heading are links: 'Community Facts', 'Guided Search', 'Advanced Search', 'Viewing a Table', and 'About Census Geography'. The 'Guided Search' link is highlighted. Below the links, a paragraph states: 'Guided Search leads you step by step to the data that you're looking for. Select Guided Search on the Main Page, and then click 'Get Me Started'.' This is followed by another paragraph: 'There are several ways to search in Guided Search.' and a bulleted list:

- You can use topics about People, Housing, or Businesses and Industries
- You can start your search using a dataset; or
- You can start your search using a specific table number or name.

Below the list, another paragraph states: 'After choosing a search option, we guide you through a series of questions that lead you to a small set of search results closely matching the search items you've selected. A series of "breadcrumbs" at the top of the guided search page lists the steps to follow, and shows your progress.' On the right side of the main content area, there is a sidebar titled 'Need Additional Assistance?'. It contains three sections: 'Help' (with a description of contextual help), 'Glossary' (with a description of the glossary), and 'Frequently Asked Questions' (with a description of the Q&A center).

United States[™]
Census
Bureau

AMERICAN
FactFinder

Feedback FAQs Glossary Help

MAIN COMMUNITY FACTS GUIDED SEARCH ADVANCED SEARCH DOWNLOAD CENTER

English Español

Using FactFinder - Getting started with American FactFinder

[Community Facts](#) | [Guided Search](#) | [Advanced Search](#) | [Viewing a Table](#) | [About Census Geography](#)

Guided Search leads you step by step to the data that you're looking for. Select Guided Search on the Main Page, and then click 'Get Me Started'.

There are several ways to search in Guided Search.

- You can use topics about People, Housing, or Businesses and Industries
- You can start your search using a dataset; or
- You can start your search using a specific table number or name.

After choosing a search option, we guide you through a series of questions that lead you to a small set of search results closely matching the search items you've selected. A series of "breadcrumbs" at the top of the guided search page lists the steps to follow, and shows your progress.

Need Additional Assistance?

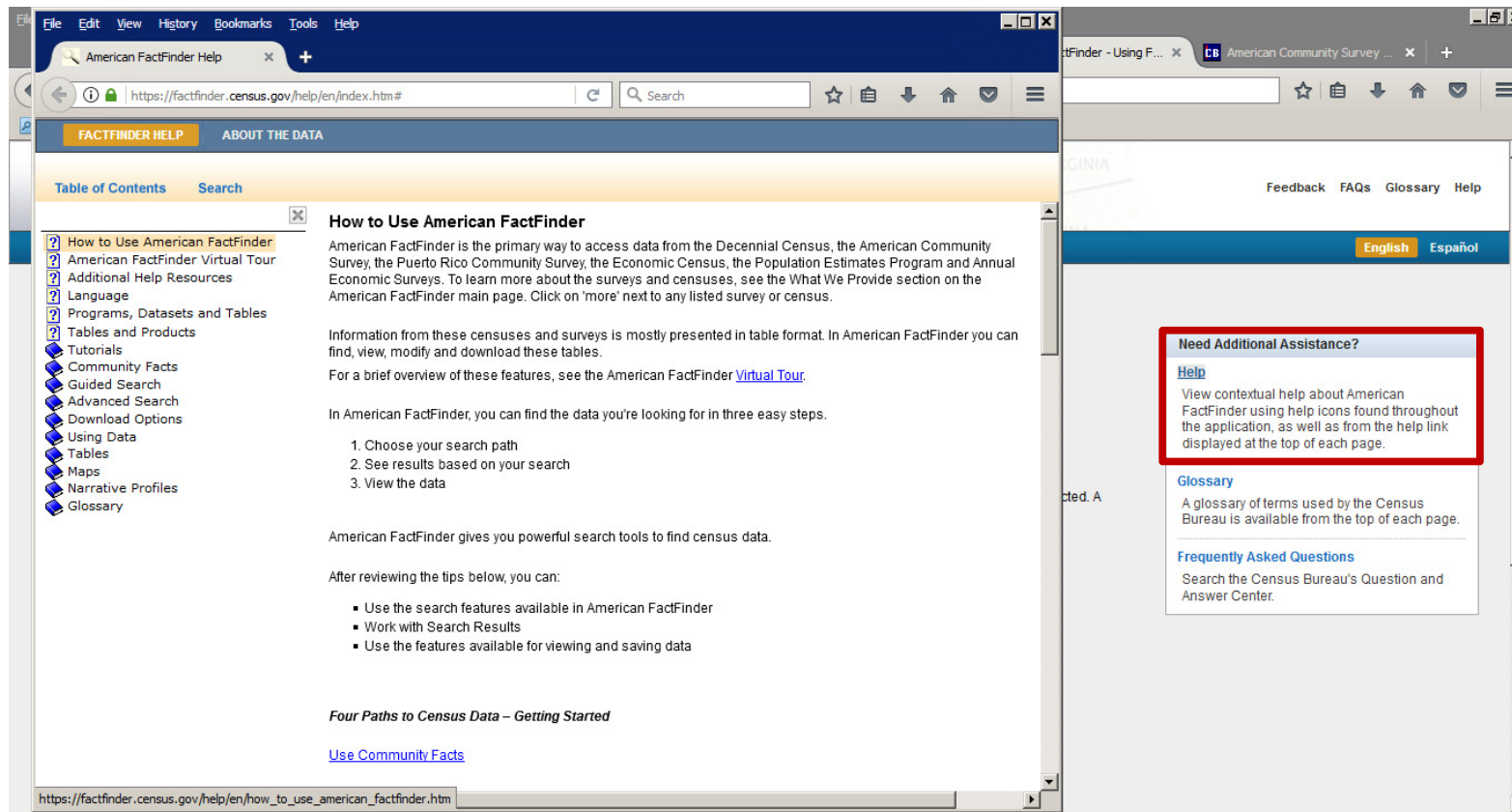
Help
View contextual help about American FactFinder using help icons found throughout the application, as well as from the help link displayed at the top of each page.

Glossary
A glossary of terms used by the Census Bureau is available from the top of each page.

Frequently Asked Questions
Search the Census Bureau's Question and Answer Center.

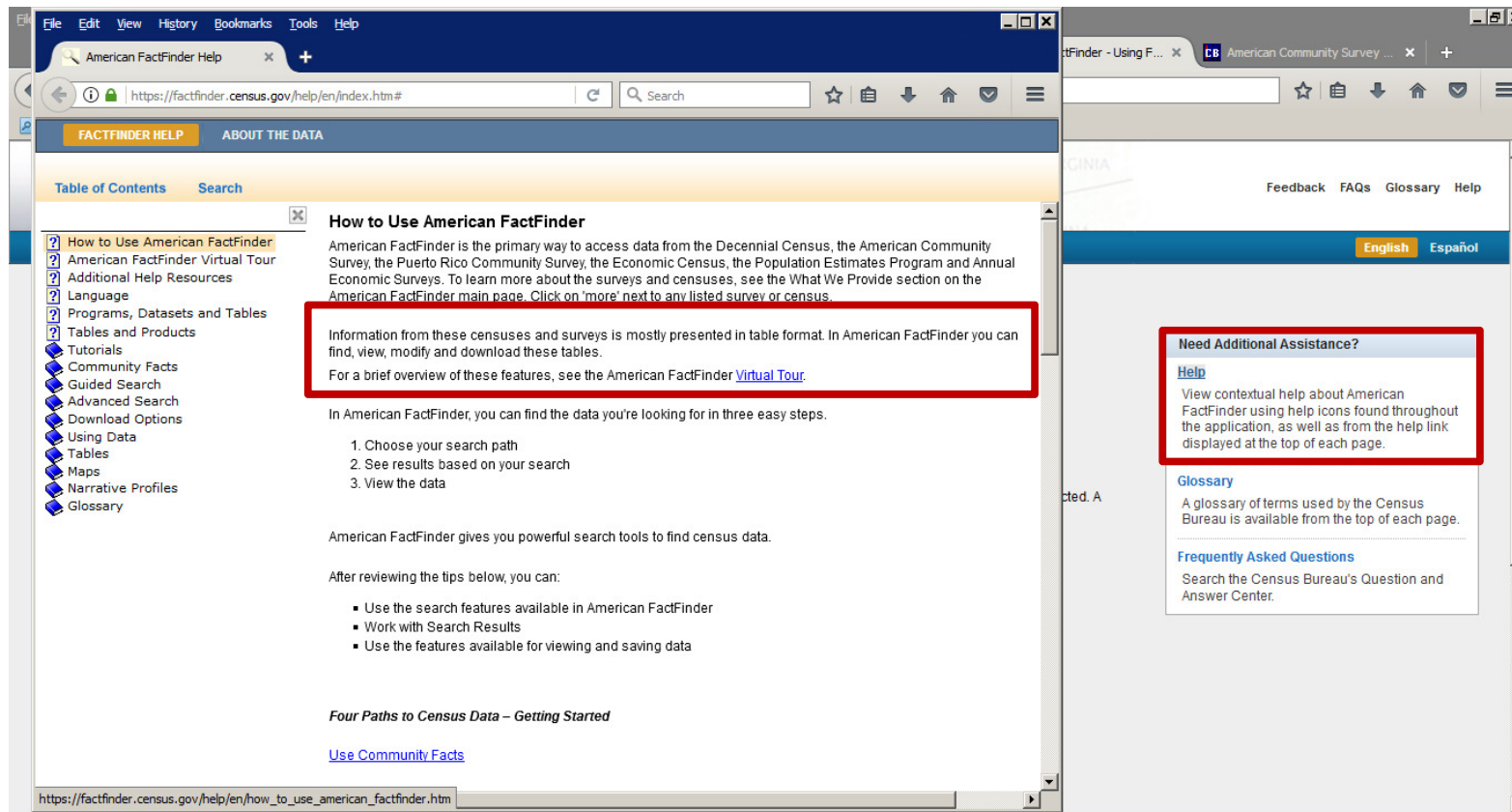
Using Specific Data Tools:

American FactFinder



Using Specific Data Tools:

American FactFinder

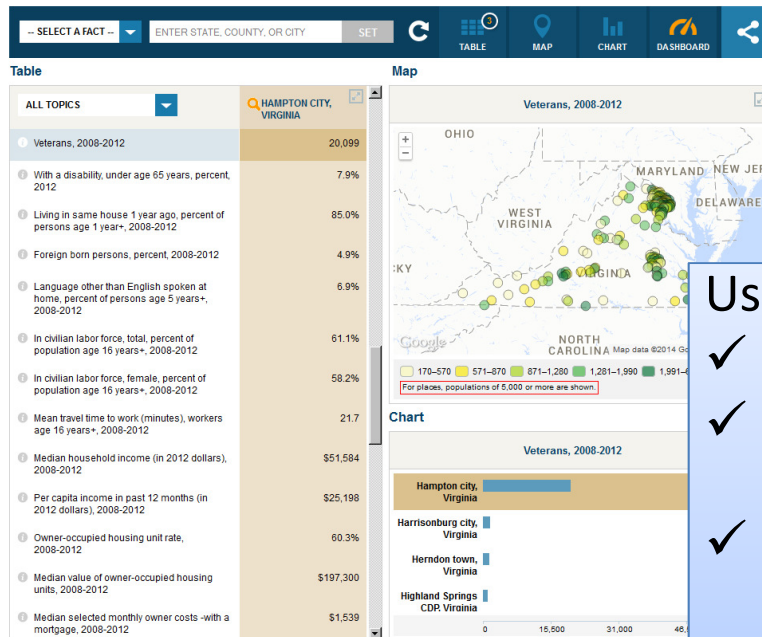


Using Specific Data Tools:

American FactFinder

The screenshot displays the American FactFinder website interface. At the top, there are tabs for 'FACTFINDER HELP' and 'ABOUT THE DATA'. Below these, a navigation bar includes 'Table of Contents' and 'Search'. A sidebar on the left, outlined in red, lists the following items: '? How to Use American FactFinder', '? American FactFinder Virtual Tour', '? Additional Help Resources', '? Language', '? Programs, Datasets and Tables', '? Tables and Products', 'Tutorials', 'Community Facts', 'Guided Search', 'Advanced Search', 'Download Options', 'Using Data', 'Tables', 'Maps', 'Narrative Profiles', and 'Glossary'. The main content area features a video player with the title 'AMERICAN FactFinder Virtual Tour'. Above the video, a message states: 'You must have the [Adobe Flash Player](#) plug-in installed to play this video.' with a link to 'Video transcript »'. The video player shows a magnifying glass icon over the text 'FactFinder' and 'Virtual Tour'. The video progress bar at the bottom indicates a duration of 7:37 and a current position of 0:02.

Using Specific Data Tools: The *NEW QuickFacts*



Use this tool for:

- ✓ ***Snapshot*** of the community
- ✓ ***More detailed subjects*** with ability to ***browse by interest***
- ✓ Viewing up to ***6 places at once***
- ✓ ***Visual aids*** including tables, maps, charts, and dashboard

www.census.gov/quickfacts

My Congressional District

Quick access to demographic, economic and business statistics at the congressional district level



www.census.gov/mycd

FEATURES:

- ✓ Thematic-based access to data at the congressional district level including education, housing and businesses
- ✓ **NEW** Business icon features annual County Business Pattern statistics by congressional district
- ✓ Web application features a shareable and embeddable widget for all 435 congressional districts and D.C.
- ✓ Users can download data in Excel for individual districts or all districts in a state
- ✓ Estimates will be updated annually with new releases from The ACS and CBP

Using Specific Data Tools:

[Narrative Profiles](http://www.census.gov/acs/www/data/data-tables-and-tools/narrative-profiles/2014/)

<http://www.census.gov/acs/www/data/data-tables-and-tools/narrative-profiles/2014/>

Narrative Profiles

Narrative Profiles are short, analytic reports derived from the ACS 5-year estimates. Each Narrative Profile covers 15 different

topic areas and provides text and bar charts to display highlights and estimates for a selected geographic area.

2014

2013

2012

2010-2014 ACS 5-Year Narrative Profiles

Step 1: Choose Search Method

☒ Use Map ☐ Use Dropdown Menus

Step 2: Select a Geography Level

☒ Nation ☐ Census Tract
☐ State ☐ Metropolitan/Micropolitan Statistical Area
☐ County ☐ ZIP Code Tabulation Area
☐ Place ☐ American Indian Area/Alaska Native Area

Step 3: Choose a geography, then click Get Profile button

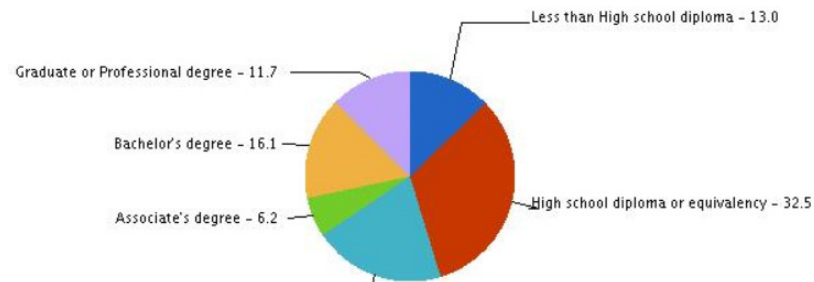
You have selected: **United States**

In 2010-2014, 87 percent of people 25 years and over had at least graduated from high school and 28 percent had a bachelor's degree or higher. An estimated 13 percent did not complete high school.

The total school enrollment in Wicomico County, Maryland was 30,300 in 2010-2014. Nursery school and kindergarten enrollment was 3,100 and elementary or high school enrollment was 14,600 children. College or graduate school enrollment was 12,600.

Educational Attainment of People in Wicomico County, Maryland in 2010-2014

[click graph to view data in table format](#)



Using Specific Data Tools:

Census Business Builder

United States[™]
Census
Bureau

 **Census Business Builder: Small Business Edition**

[Privacy Act Statement](#) [FAQs](#) [Send Feedback](#)

Determine the Best Location for Your Business

1. What type of business do you want to start or research?
Select your type of business from the broad categories below and then from the detailed list provided.

2. Where do you plan to open the business?
Select the proposed location for your business by searching for it or by using the Go To My Current location button.



Construction Food Services Healthcare
Personal Services Prof & Biz Services Retail

Don't see your type of business listed? Click [here](#) to request that your industry be added.

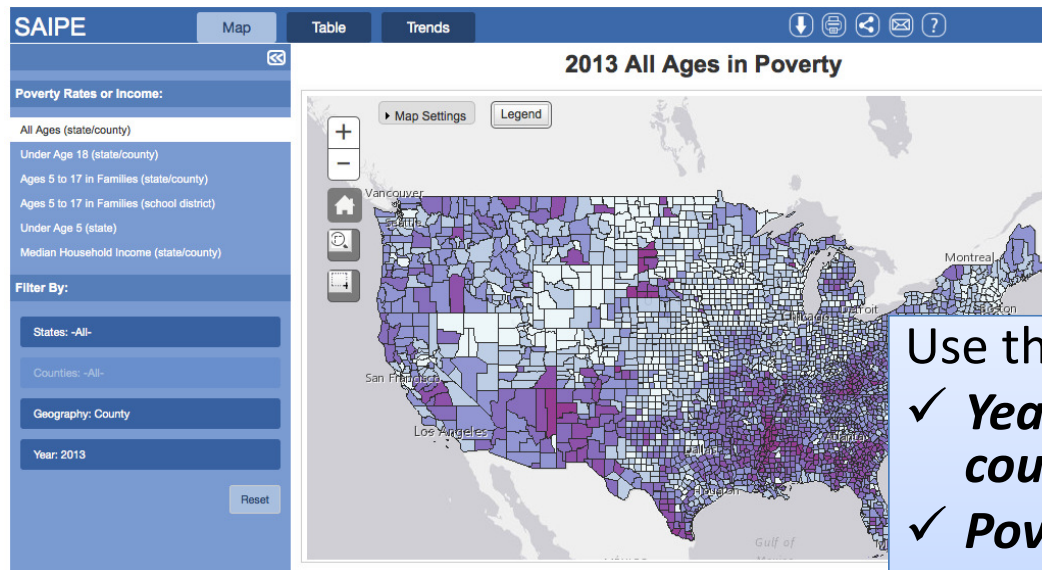
<https://cbb.census.gov/sbe/>

- Use this tool for:
- ✓ Determine the **best location** for your **business**
 - ✓ **Snapshot** of the community
 - ✓ **Detailed reports** about local demographics and business characteristics

Using Specific Data Tools:

Small Area Income and Poverty Estimates (SAIPE)

Small Area Income and Poverty Estimates



Use this tool for:

- ✓ **Yearly data** for **ALL counties**
- ✓ **Poverty** data for **total population, children, and families**
- ✓ **Median household income**
- ✓ **Mapping** capabilities

www.census.gov//did/www/saipe

Using Specific Data Tools:

Small Area Health Insurance Estimates (SAHIE)

SAHIE Interactive Data Tool

Year	ID	Name	Demographic Group		Uninsured				Insured			
			Number	MOE	Number	MOE	%	%MOE	Number	MOE	%	%MOE
2013	51000	Virginia	6,934,418	0	970,614	19,475	14.0	0.3	5,963,804	19,475	86.0	0.3
2013	51001	Accomack County, VA	26,136	0	5,352	438	20.5	1.7	20,784	438	79.5	1.7
2013	51003	Albemarle County, VA	80,682	0	10,378	892	12.9	1.1	70,304	892	87.1	1.1
2013	51005	Alleghany County, VA	12,306	0	1,678	157	13.6	1.3	10,629	157	86.4	1.3
2013	51007	Amelia County, VA	10,521	0	1,847	168	17.6	1.6	8,674	168	82.4	1.6
2013	51009	Amherst County, VA	25,168	0	4,018	350	16.0	1.4	21,151	350	84.0	1.4
2013	51011	Appomattox County, VA	12,432	0	2,074	190	16.7	1.5	10,358	190	83.3	1.5
2013	51013	Arlington County, VA	200,919	0	21,092	1,913	10.5	1.0				
2013	51015	Augusta County, VA	57,939	0	8,373	734	14.5	1.3				
2013	51017	Bath County, VA	3,488	0	572	57	16.4	1.6				
2013	51019	Bedford County, VA	56,529	0	7,705	650	13.6	1.1				
2013	51021	Bland County, VA	4,814	0	676	70	14.0	1.4				
2013	51023	Botetourt County, VA	26,347	0	2,890	271	11.0	1.0				
2013	51025	Brunswick County, VA	11,922	0	2,037	192	17.1	1.6				
2013	51027	Buchanan County, VA	18,315	0	2,804	258	15.3	1.4				
2013	51029	Buckingham County, VA	12,374	0	2,329	213	18.8	1.7				
2013	51031	Campbell County, VA	45,298	0	6,834	628	15.1	1.4				
2013	51033	Caroline County, VA	24,584	0	3,865	351	15.7	1.4				
2013	51035	Carroll County, VA	23,682	0	4,492	407	19.0	1.7				
2013	51036	Charles City County, VA	5,730	0	1,169	97	20.4	1.7				



Use this tool for:

- ✓ **Yearly data** for **ALL counties**
- ✓ **Health insurance data** for **ALL counties**
- ✓ **Demographic coverage comparisons**
- ✓ **Mapping capabilities**

www.census.gov/did/www/sahie



Nesreen Khashan

Data Dissemination Specialist
nesreen.khashan@census.gov

Telephone: 202.510.6403